

N81 / Naval Post Graduate School Thesis Proposal

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IWAR: Training and Education
(if applicable)

Subject: Ship Steaming Days Requirement

Problem Description: Millions of dollars are programmed across the FYDP for ship steaming days with no analytic basis for the requirement. Determine the number of steaming days per quarter necessary for a ship to meet its IDTC requirements.

Deliverable: Provide analysis of ship steaming days with (e.g., Study with recommendations, Decision Aide, Analysis, Mathematical Model, etc.,) recommendations as to how many days a ship needs to steam per quarter to achieve current IDTC requirements.

Analyze the impact of currently available ship and shore based simulation capability on number of quarterly steaming days required. Additionally identify areas of simulator investment that could provide significant ROI.

Discussion: The steaming day requirement appears to be driven by Fleet wants rather than actual Fleet needs. Without a rigorous analytically based definition of the steaming day requirement, OPNAV resource decisions will continue to be based on how much savings that can be realized regardless of impact on Fleet readiness, crew proficiency, and ship safety. Steaming days must be based on the requirement and determining that requirement will ensure we continue to be the best trained Navy in the world.

Potential Data Sources: TYCOM Readiness Management System (TRMS).
database (CLF/CPF).
Ship Employment Schedules (CLF/CPF).
CFFC N8 Steaming Days Analysis.
RAND Surface Ship Simulation Study.
OPNAV N81 Surface Force Simulation Study.
Navy Visibility and Management of Operating and Support Costs (VAMOSOC).

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